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JACOBSON, HOLMAN

NO: 597 P. 3

#181388
3/20/03

Attorney Docket No. P66095US0

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Andreas BOSIO et al.

Via facsimile

703-872-9306

Art Unit: 1637

Application No.: 09/701,584

Filed: February 1, 2001

Examiner: Christine L. MAUPIN

For SUPPORTS FOR THE PARALLEL IDENTIFICATION AND TRANSCRIPTION
PROFILING OF POLYNUCLEIC ACIDS

AMENDMENT

Commissioner for Patents
United States Patent and Trademark Office
Washington, D.C. 20231

Sir:

The instant paper, transmitted by facsimile, responds to the Office Action mailed October

2, 2002.

IN THE CLAIMS

Cancel claims 1-10, without prejudice or disclaimer, and add the following claims.

11. A support comprising oligo- or polynucleotides covalently linked at their 5'- or 3'-termini to at least one major surface of said support through bifunctional spacers and bifunctional linkers, characterized in that said oligo- or polynucleotides covalently linked at their 5'- or 3'-termini through bifunctional spacers and bifunctional linkers have a length of from 200 to 600 bp and said bifunctional linker is selected from the group of rigid homobifunctional linkers consisting of:

1,4-disubstituted benzene, 2,7-substituted fluorene, 2,6-substituted naphthalene, 2,6-substituted anthracene, 2,7-substituted phenanthrene, 4,4'-substituted biphenyl, 4,4'-